

Title (en)
CROSS-PORTING CONFIGURATION FOR SERIES PROGRESSIVE DIVIDER VALVE

Title (de)
CROSS-PORTING-KONFIGURATION FÜR EIN SERIELLES PROGRESSIVES TEILERVENTIL

Title (fr)
CONFIGURATION DE GROUPE D'ORIFICES TRANSVERSAL POUR SOUPE DE DIVISION PROGRESSIVE SÉRIE

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Application
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Abstract (en)
[origin: WO2011149547A2] A series progressive divider valve comprises a valve body having pistons. The valve body comprises a fluid inlet, piston bores, outlet bores, porting and bypass passages. The fluid inlet extends into the valve body. The piston bores extend through the valve body from a first end to a second end and include a piston. The outlet bores extend into the valve body, and each comprises first and second sets of outlet bores, wherein the outlet bores in each set are connected in an open-loop flow path. The porting forms passageways connecting the piston bores to each other and with the outlet bores such that when high pressure fluid is applied to the inlet each of the pistons reciprocates from the first end to the second end in sequence. The bypass passages each have a first end penetrating an outlet bore and a second end connected to an adjacent outlet.

IPC 8 full level
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